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Sheet 1 of 3

Complete if Known

Application Number	Unknown 10/824,123
Filing Date	Herewith
First Named Inventor	Han
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	003330 USA PO1/ETCH/METALJB

U. S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ML		US- 4244743	01/13/1981	Blackburn et al.	
ML		US- 4433004	02/21/1984	Toshitomi et al. Yonezaki et al.	
ML		US- 4743493	05/10/1988	Siohansi et al.	
ML		US- 4897315	1/30/1990	Gupta	
ML		US- 4910092	03/20/1990	Olson et al.	
ML		US- 4933239	06/12/1990	Olson et al.	
ML		US- 4939308	07/03/1990	Maxfield et al.	
ML		US- 4973445	11/27/1990	Singheiser et al.	
ML		US- 5244875	09/14/1993	Hauser et al.	
ML		US- 5366585	11/22/1994	Robertson et al.	
ML		US- 5470820	11/28/1995	Hauser et al.	
ML		US- 5498313	03/12/1996	Bailey et al.	
ML		US- 5624632	04/29/1997	Baumann et al.	
ML		US- 5680013	10/21/1997	Domfel et al.	
ML		US- 5753044	05/19/1998	Hanawa et al.	
ML		US- 5798016	08/25/1998	Oehrlein et al.	
ML		US- 5807613	09/15/1998	Maria et al. Aguera et al.	
ML		US- 5824205	10/20/1998	Foster	
ML		US- 5833829	11/10/1998	Foster	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
ML		JP-59205468	11/21/1984	Nat'l Res Inst	Abstract	
ML		JP-62174377	7/31/1987	Mitsubishi Heav	Abstract	
ML		PCT-9814980	04/09/1998	Lam Research		
ML		DE-9421671	08/22/1996	Siemens		✓
ML		EP-0849767-A2	06/24/1998	Applied Materia		
ML		DE-3543802-A1	06/19/1987	BBC AK		

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